



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/501,443

07/13/2004

Johnson Oyama

P16805-US2

8133

27045

7590

01/08/2008

ERICSSON INC.  
6300 LEGACY DRIVE  
M/S EVR 1-C-11  
PLANO, TX 75024

EXAMINER

JAKOVAC, RYAN J

ART UNIT

PAPER NUMBER

4121

MAIL DATE

DELIVERY MODE

01/08/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/501,443	<b>Applicant(s)</b> OYAMA ET AL.	
	<b>Examiner</b> RYAN J. JAKOVAC	<b>Art Unit</b> 4121	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 13 July 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 7-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 7-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 July 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>6/7/2006, 7/13/2004</u> .                                     | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

Claims 7-10 are pending.

Claims 7-10 are rejected.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

1. Claims 7 and 10 are rejected under 35 U.S.C. 102(a) as being anticipated by “3GPP: “3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; End-to-End QoS Concept and Architecture” hereinafter (3GPP).

Regarding claim 7, 3GPP teaches a method for providing multiple session description protocol media flows for one packet data protocol context, comprising the steps of:

sending, from a packet-cscf to a user equipment, a session initiated protocol message (Page 18, paragraph 2, Session initiated protocol message is sent from packet-cscf to a user equipment.) comprising an indication that a particular session description protocol media flow can be combined with further session description protocol media flows in a single packet data protocol context (Page 43-46, Multiple different media announcements (indicated by “m=”) indicate different flows which are combined to the same single packet data protocol context. See also page 13, paragraph

5, The binding mechanism handling associates the PDP context bearer with one or more flows. See page 44, the packet cscf authorizes QoS resource for the user equipment with multiple media flows.); and

receiving said message in the user equipment (Page 18, paragraph 2, User equipment receives session initiated protocol message from packet-cscf.), which performs the steps of:

interpreting the indicator (Page 17, paragraph 6 to Page 18, paragraph 3, The user equipment reads the different media announcement fields and authorization tokens. See also page 13, paragraph 9, User equipment provides authorization tokens and flow identifiers used to provide the binding mechanism. Page 18, paragraph 8, User equipment uses flow identifiers.);

selecting a packet data protocol context ; and sending a set-up request message for setting up said packet data protocol context (Page 18, paragraph 8, PDP context activation messages.), said message comprising an authorization token (Page 18, paragraph 8, Authorization token) and identifiers of session description protocol media flows (Page 18, paragraph 8, Multiple flow identifiers.).

Regarding claim 10, 3GPP teaches user equipment for providing multiple session description protocol media flows for one packet data protocol context (Fig. 2 and Fig. 4, The user equipment. See also section 5.2.2 and 6.1.2.), said equipment comprising:

electronic circuitry adapted to interpret an indication received by said equipment that a particular session description protocol media flow can be combined with further session description protocol media flows in a single packet data protocol context (Page 17, paragraph 6 to Page 18, paragraph 3, The user equipment reads the different media announcement fields and authorization tokens. See also page 13, paragraph 9, User equipment provides authorization tokens and flow identifiers used to provide the binding mechanism. Page 18, paragraph 8, User equipment uses flow identifiers.);

a selection unit for selecting further media flows that can be combined with the particular session description protocol media flow (Page 18, paragraph 8, PDP context activation messages.); and

a processing unit adapted to control the user equipment and to initiate the sending of a set-up request message (Page 18, paragraph 8, PDP context activation messages.) comprising an authorisation token and identifiers of session description protocol media flows (Page 18, paragraph 8, Multiple flow identifiers.).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 8 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over 3GPP in view of “3rd Generation Partnership Project; Technical Specification Group Core Network; Signalling flows for the IP multimedia call control based on SIP and SDP” (hereinafter D2).

Regarding claim 8, 3GPP teaches a the method according to claim 7, 3GPP does not teach but D2 teaches wherein the indication is sent from a home network of the user equipment to a visited network (D2, Fig. 7.2.2.2-1, The session initiated protocol message including media announcements is sent from the s-cscf in the home network to the p-cscf in the visited network. See also page 75, number 5, S-CSCF#1 examines the media parameters, and removes any choices the user is not authorized for.) wherein the user equipment is currently located and is cached in said visited network before it is sent to the user equipment (D2, Page 78, first paragraph, Information is stored at the P-CSCF on the home network.).

Therefore it would have been obvious to one of ordinary skill in the art at the time of invention to combine wherein the indication is sent from a home network of the user equipment to a visited network as taught by D2 with the method of 3GPP in order to support roaming subscribers (D2, page 265).

Regarding claim 9, the combination of 3GPP and D2 teaches the method according to claim 8, wherein the indication conveys information indicating whether the home network requires policing for each media flow, counting of packets per media

flow, or flow independent policing (3GPP, Page 43, paragraph 3, Minimum policed unit).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RYAN J. JAKOVAC whose telephone number is (571)270-5003. The examiner can normally be reached on Monday through Friday, 7:30 am to 5:00 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Taghi T. Arani can be reached on (571) 272-3787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

RJ

Application/Control Number: 10/501,443  
Art Unit: 4121

Page 7

/George C. Neurauter, Jr./

Primary Examiner, Art Unit 2143